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Using the Hydraulic Jack

1. Safety boots and gloves must be worn.
2. Other people should be kept clear.
3. Position the jack under the correct loading point of the vehicle or plant being lifted. If there is no loading point, position the jack under a suitable support point capable of taking the load.
4. Check that the lowering valve is fully closed.
5. If it is a vehicle being worked on, the wheels that remain on the ground must be chocked.
6. Do not put anything, including hands between the lifting pad of the jack and where it will contact the plant being lifted.
7. Raise the jack slowly and carefully. Rapid raising could cause the plant to slip.
8. Do not exceed the safe working load marked on the jack.
9. Never leave anything jacked up for long periods without other support. Place an axle stand or other correct support in a safe position under a load bearing part of the vehicle or plant.
10. When using axle stands or similar adjustable supports always ensure they are adjusted correctly. They must be standing on hard, flat, firm ground with the cradle located under good support points.
11. Never get under any plant being lifted until it has been adequately supported with axle stands or other proper supports.
12. Do not use bricks or blocks as supports: they will crumble without warning.
13. Do not attempt to reposition the jack or supports while they are under load.
14. Never leave anything jacked up needlessly. Always lower it to its normal position after work.
15. Remove any tools or other items from under the plant before lowering it.
16. Lower the plant and remove the jack as soon as work is finished.
17. Lower the plant to the ground slowly and carefully. Rapid lowering could cause the plant to slip.
18. If the equipment does not work properly do not attempt to repair it. Contact the hire company.
19. Please keep this leaflet for reference and until the work is finished.

Please keep this leaflet safely as it may be required for future reference



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Hydraulic Jack

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

It is important to read all of this leaflet BEFORE using the Hydraulic Jack



1. The force generated to lift heavy objects is enormous, keep fingers clear of all pressure points.
2. This hydraulic jack is designed to partially lift heavy vehicles or plant.
3. The action of this hydraulic jack can cause injury or damage if not used in a careful and controlled way.
4. If the operator has not used a hydraulic jack before they should familiarise themselves with the equipment before starting work.
5. The work should be thought out and planned ahead to ensure it is always carried out safely.
6. The following items of personal protective equipment (ppe) will be required as a minimum:
Safety boots;
Gloves.
7. This hydraulic jack must not be used by minors, or by anyone under the influence of drugs or alcohol.
8. This hydraulic jack is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using them.



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Useful Reference Points • www.hae.org.uk/businessguard

Before Starting Work...



WORK AREA

1. Make sure that your work area is clear and safe and that no-one is nearby who could cause a distraction.
2. Protect others from danger. Warn people to keep away, put up barriers or warning signs.
3. Do not work on soft ground or a wooden floor, work must be carried out on a firm, level base.

OPERATORS

1. The following items of personal protective equipment (ppe) are the minimum that should be worn when using the hydraulic jack. Particular jobs or environments may require a higher level of protection.
2. Safety boots must be worn (EN345 or BS1870/4972) when working with this machine.
3. Strong gloves must be worn to protect hands.
4. Anyone who is working nearby will also need to wear personal protective equipment.

HYDRAULIC JACK

1. Check the hydraulic jack and attachments. If anything is found to be damaged, do not use the hydraulic jack – contact the hire company.
2. The jack must only be used in an upright position.
3. Do not exceed the safe working load (SWL) marked on the jack.
4. If using a jack that is also a toe jack remember that the toe will have a lower safe working load than the normal jack. It will be marked on the toe.
5. Make sure the toe has a good seating under the plant being lifted.
6. Check on how the equipment works before using it.

ACCESSORIES

1. Axle stands or other proper supports will be needed if work is being carried out on the item being lifted.
2. If a vehicle is being jacked up chocks will be needed in order to chock the wheels remaining on the ground.
3. If using a toe jack attachment to lift plant, make sure it is fitted firmly and correctly to the jack. Do not forget it will have a lower safe working load (SWL) than the jack.
4. Before fitting the toe jack attachment check it is not damaged or cracked. Do not use anything found to be damaged – contact the hire company.



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